Clouds S'COOL Data File Delivery Procedures

Subsystem Personnel:

1. Create a tar file containing the S'COOL data file for the month that is to be delivered. Be sure to tar the file so that the correct directory path is included (clouds/data/ancillary/static/SCOOL/). The naming convention for the tar file is: clouds_scool_yyyymm.tar, where yyyymm is the year and month of the data file being delivered.
2. Create a .list file using the "tar -tvf" command.
   Example: tar -tvf clouds_scool_yyyymm.tar > clouds_scool_yyyymm.list
3. Compress the tar file using the Unix "compress" command and deliver both the tar file and the .list file to CERES CM using the cm_move.csh script found in /CERES/CERES_CM/cm_bin on *lightning*.
   Example: From the directory on *thunder* or *lightning* where the files to be delivered are, type:
   /CERES/CERES_CM/cm_bin/cm_move.csh clouds_scool_yyyymm.tar.Z clouds_scool_yyyymm.list
4. Send an email to cerescm@larc.nasa.gov stating that the Clouds S'COOL data file for Month Year have been delivered, where Month Year is the date of the data file being delivered.
   Example:

   > The S'COOL Data file(s) for Month Year has(have) been delivered. The following files were delivered using cm_move:
   > clouds_scool_yyyymm.tar.Z
   > clouds_scool_yyyymm.list

CERES CM Personnel:

On *thunder*:

1. After the files have been delivered and the CM cron jobs have run so that the files are in /CERES/CERES_CM/DelPackages with the owner set to "tammy" and the group set to "ceres_cm", move the files to /CERES/CERES_CM/SCOOL.
   Example: mv clouds_scool_yyyymm* /CERES/CERES_CM/SCOOL/.
2. From /CERES/CERES_CM/SCOOL, ftp the files to /delivery/CERES/incoming on *warlock*.
   Example: ftp warlock
   cd /delivery/CERES/incoming
   bin
   put clouds_scool_yyyymm.tar.Z
   put clouds_scool_yyyymm.list

On *warlock*:

3. Copy the delivered files from /delivery/CERES/incoming to /verify/CERES and change directories to /verify/CERES.
   Example: cp clouds_scool_yyyymm* /verify/CERES/.
   cd /verify/CERES
   Examine the .list file to verify that the contents of the tar file are correct, i.e., the tar file contains the S'COOL data file for the data date listed in the email, including the correct directory path (clouds/data/ancillary/static/SCOOL/).
4. Uncompress and un-tar the tar file.
   Example: uncompress clouds_scool_yyyymm.tar.Z

tar -xf clouds_scool_yyyymm.tar

Confirm that the result is what was expected, i.e., the directory path and file name resulting from the un-tarring are correct.

5. Change directories to /SSIT/CERES, and recursively copy the delivered file from /verify/CERES to /SSIT/CERES.
   Example: cd /SSIT/CERES
   cp -R /verify/CERES/clouds .
6. Confirm that the delivered data file is now in the /SSIT/CERES/clouds/data/ancillary/static/SCOOL/ directory.
7. Send the following Delivery Notification to the ASDC (cereststt@larc.nasa.gov) with the subject "Clouds S'COOL Data File Delivery". Cc the following: cerescm@larc.nasa.gov, Clouds personnel (Sunny Sun-Mack, Walt Miller, Ricky Brown), CERES supervisors (Pete Spence, Lisa Coleman, Joe Stassi), and NASA CERES Data Management Team personnel (Mike Little, Erika Geier).

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   CERES CM Delivery Notification
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   The Clouds S'COOL data file for Month Year is now available on warlock.

   The following files were delivered to /delivery/CERES/incoming:

   clouds_scool_yyyymm.list
   clouds_scool_yyyymm.tar.Z

   The delivered tar file was copied to /verify/CERES and un-tarred.
   The /verify/CERES/clouds directory which was the result of the
   un-tarring was recursively copied to /SSIT/CERES.

   Thanks,
   Name

8. If any problems are encountered along the way, contact the Clouds personnel who made the delivery and work with them to resolve the issues.